What is claimed is:

1. A sealing mechanism for a vessel (2 or 20) which can be closed by a cap (1) having a plug portion (4) and a seal plug (5), wherein

said plug portion (4) has a top wall (11) to cover an opening portion (3) of the vessel (2), a side wall (12) and a cylindrical wall (15) respectively projecting from said top wall (11) along an axis (X) of said plug portion (4), said side wall (12) having an inner circumferential surface arranged to fit on an outer circumferential surface of said opening portion (3), said cylindrical wall (15) being inside of said side wall (12) and forming a receiving chamber (14) having an opening (13) at its lower end face,

said seal plug (5) closes said opening (13) by being fixed to said cylindrical wall (15) and has an outer circumferential portion (16) projecting from an outer circumferential surface of said cylindrical wall (15),

said vessel (2 or 20) has a protruding portion (22) in its opening portion (3),

said outer circumferential portion (16) of said seal plug (5) is allowed to pass said protruding portion (22) in direction for insertion to said vessel (2 or 20) but not for pulling off.

2. A sealing mechanism as claimed in Claim 1 wherein said protruding portion (22) is formed on an inner surface of a through hole (21) of a sleeve (6) being arranged to be fixed to said opening portion(3).

3. A sealing mechanism as claimed in Claim 2 wherein said sleeve (6) has a flange portion (23) arranged to fit on a top surface of said opening portion (3) on an end portion.

4. A sealing mechanism as claimed in Claim 1 wherein said opening portion (3) forms said vessel (20) by being connected to a storage portion (7) and said protruding portion (22) is formed on an inner surface of said opening portion (3).

5. A sealing mechanism as claimed in Claim 4 wherein said opening portion (3) and said storage portion (7) have flanges (24 and 25) arranged to be suite each other on each joint portion (3a or 7a).

6. Method to seal a vessel (2 or 20) by using a cap (1) having a plug portion (4)

and a seal plug (5),

said plug portion (4) having a top wall (11) to cover an opening portion (3) of the vessel (2), a side wall (12) and a cylindrical wall (15) respectively projecting from said top wall (11) along an axis (X) of said plug portion (4),

said side wall (12) having an inner circumferential surface arranged to fit on an outer circumferential surface of said opening portion (3),

a cylindrical wall (15) being inside of said side wall (12) and forming a receiving chamber (14) having an opening (13) at its lower end face,

said seal plug (5) being arranged to close said opening (13) by being fixed to said cylindrical wall (15) and having an outer circumferential portion (16) projecting from an outer circumferential surface of said cylindrical wall (15),

said opening portion (3) having an protruding portion (22) in its opening portion,

said protruding portion (22) being arranged to allow said seal plug (5) passing in direction for insertion to said vessel (2 or 20) but not for pulling off,

which method comprising:

constructing said vessel (2 or 20);

charging a first material (31) in said vessel (2 or 20);

closing said vessel (20) by said cap (1) charged with a second material (32) in its said receiving chamber (14) and already sealed with said seal plug (5).

7. A method as claimed in Claim 6 wherein a sleeve (6) having said protruding portion (22) on an inner surface of a through hole (21) is inserted into the opening portion (3) in said constructing said vessel (2).

8. A method as claimed in Claim 6 wherein said opening portion (3) having said protruding portion (22) on its inner surface is connected to a storage portion (7) in said constructing said vessel (2).